JC10 Rec'd PCT/PTO 27 APR 2005 S&H Form: FORM PTO-1390 (12/04) ATTORNEY 'S DOCKET NUMBER U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE FORM PTO-1390 (REV. 12-2004) 469.1120 TRANSMITTAL LETTER TO THE UNITED STATES U.S. APPLICATION NO. (If known, see 37 CFR 1.5 DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED INTERNATIONAL APPLICATION NO. PCT/GB 03/04771 November 5, 2003 November 6, 2002 TITLE OF INVENTION APPARATUS FOR USE IN NMR SYSTEM APPLICANT(S) FOR DO/EO/US Adrian P. GRIFFIN Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: 1. Mark This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must 3. 🖾 include items (5), (6), (9) and (21) indicated below. 4. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). a. 🛛 has been communicated by the International Bureau. \boxtimes is not required, as the application was filed in the United States Receiving Office (RO/US). 6. ⊠ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. 🛛 is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). 7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a.
 are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. b. have not been made; however, the time limit for making such amendments has NOT expired. C. have not been made and will not be made. 8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). 9. 🗆 An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. ☑ An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. A preliminary amendment. 14. An Application Data Sheet under 37 CFR 1.76. 15. A substitute specification. 16. A power of attorney and/or change of address letter.

17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter. 2 and 37 CFR 1,821 -

19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
 20. ☒ Other items or information: PCT Publication WO 2004/042414 A1, PCT/RO\101, PCT/IB/308, PCT/IPEA/409. Search

18. A second copy of the published international application under 35 U.S.C. 154(d)(4).

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Report (Form PCT/ISA/210)

1.825.

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U.S. APPLICATION NO Unassigned	INTERNATIONAL APPLICATION NO. (11 th or see 37 CFB 1 INTERNATIONAL APPLICATION NO. PCT/GB 03/04771						ATTORNEYS DOCKET NUMBER 469.1120		
21. The following fees are submitted:						APPI	LICANT USE	OFFICE USE ONLY	
⊠ a) Basic National Fee\$300.00						\$300.	00		
⊠ b) Examination Fee\$200.00						\$200.00			
⊠ c) Search Fee\$500.00						\$ 500.	00		
TOTAL OF ABOVE CALCULATIONS = \$1000.00							00.00		
☐ Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each addition 50 sheets of paper or fraction thereof.									
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof			Rate				
* - 100 =	*/50=			x a	250.00				
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).							.00		
CLAIMS	NUMBER FILED		NUMBER EXTRA		RATE	\$			
Total claims	15 - 2	:0 =	0	×	\$50.00	\$0.00)		
ndependent 1 - 3 =		3 =	0	×	\$200.00	\$			
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360.00							.00	-	
TOTAL OF ABOVE CALCULATIONS =							90.00		
Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above						\$			
are reduced by 172.						ļ			
} · · · · · · · · · · · · · · · · · · ·						\$1,4	190.00		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).						\$			
TOTAL NATIONAL FEE =						\$1,4	90.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be						\$			
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +							90.00		
							90.00		
Amount to be refunded:								\$	
Amount to be charged: \$									
 a. ⊠ A check in the amount of \$1,490.00 to cover the above fees is enclosed. b. ☐ Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed. c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-3935. A duplicate copy of this sheet is enclosed. d. ☐ Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. 									
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.									
SEND ALL CORRESPONDENCE TO: USPTO CUSTOMER NO.									
21171 PATENT TRADEMARK OFFICE Staas & Halsey LLP 1201 New York Avenue, N.W., Suite 700 Washington, DC 20005 PATENT TRADEMARK OFFICE SIGNATURE David M. Pitcher NAME 25,908									
						TION NUMBER			

IN THE UNITED STATES PATENT AND TRADEMARK 620 Rec'd PCT/PTO 27 APR 2005

In re the Application under 35 USC § 371 of:

Adrian P. GRIFFIN

International Serial No.: PCT/GB 03/04771

International Filing Date: 05 November 2003

Group Art Unit: Unassigned

U.S. Filing Date:

Examiner: Unassigned

For: APPARATUS FOR USE IN NMR SYSTEM

LETTER

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Attn: United States Designated/Elected Office (DO/EO/US)

Sir:

Applicants submit herewith for filing an application under 35 U.S.C. §371, including the Transmittal Letter to the United States Designating/Elected Office (DO/EO/US) (Form PTO-1390), application, including specification, drawings and claims, and Preliminary Amendment for national stage examination, Notice Informing the Applicant of the Communication of the International Application to the Designated Offices (Form PCT/IB/308 and PCT/IPEA/409), Request for International Patent Application as filed (Form PCT/RO/101), International Application Publication WO 2004/042414A1, and an International Search Report (Forms PCT/ISA/210).

Applicants\inventors for the U.S. national stage are:

Adrian P. GRIFFIN Address: 112 Bulan Road Headington Oxford OX3 7HX United Kingdom

Residence: United Kingdom Citizenship: United Kingdom

Respectfully submitted,

STAAS & HALSEY LLP

fail 27, 2005

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David M. Pitcher Registration No. 25,908